

Fig. 1

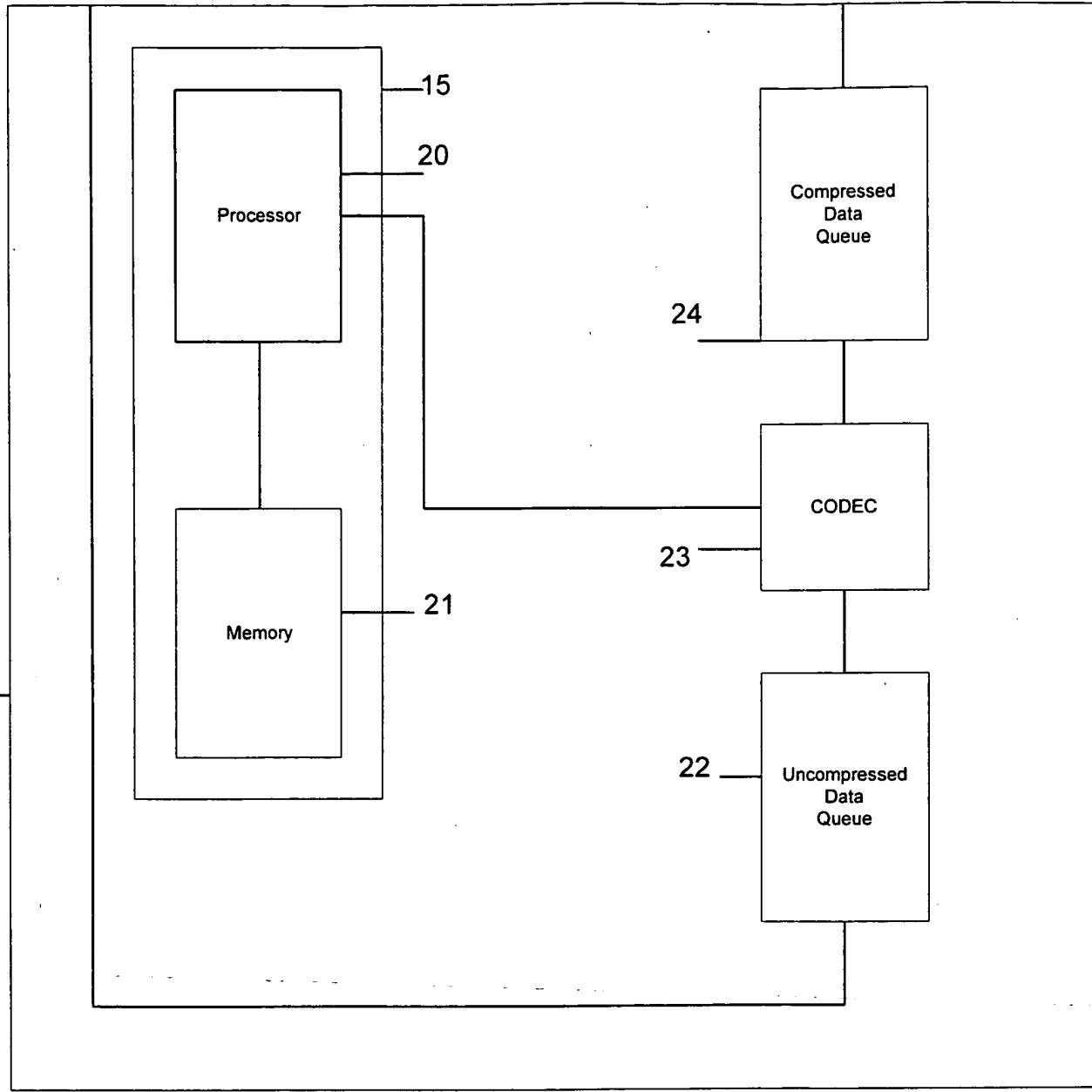


Fig. 2

009145142 \*0271593

STEPS →	Wavelet Decomp.	Motion Estimation	Difference Image Encoding	Difference Image Decoding	Motion Compensation	Wavelet Recomp.
Initial-trial encoding pass	*	*	*	?		
Retrial encoding pass			?	?		
Final encoding pass			?	*	*	*

First Order Sub-Steps →	Calculate Average Activity	Determine Adaptive Quant. Level	Forward Block Transform	Block Quantization	Zig-zag run-length coding	Generate Bit Stream	Block De-quantization	Inverse Transform
Initial-trial encoding pass	*	*	*	*	*	*	DC Coeff. Only	
Retrial encoding pass		*		*	*	*	DC Coeff. Only	
Final encoding pass						?	*	*

Second Order Sub-Steps →	Generate GOP, Picture, and Band Header	Generate Tile and Below Bit Stream
Initial-trial encoding pass	*	*
Retrial encoding pass	*	*
Final encoding pass	*	

Fig. 3

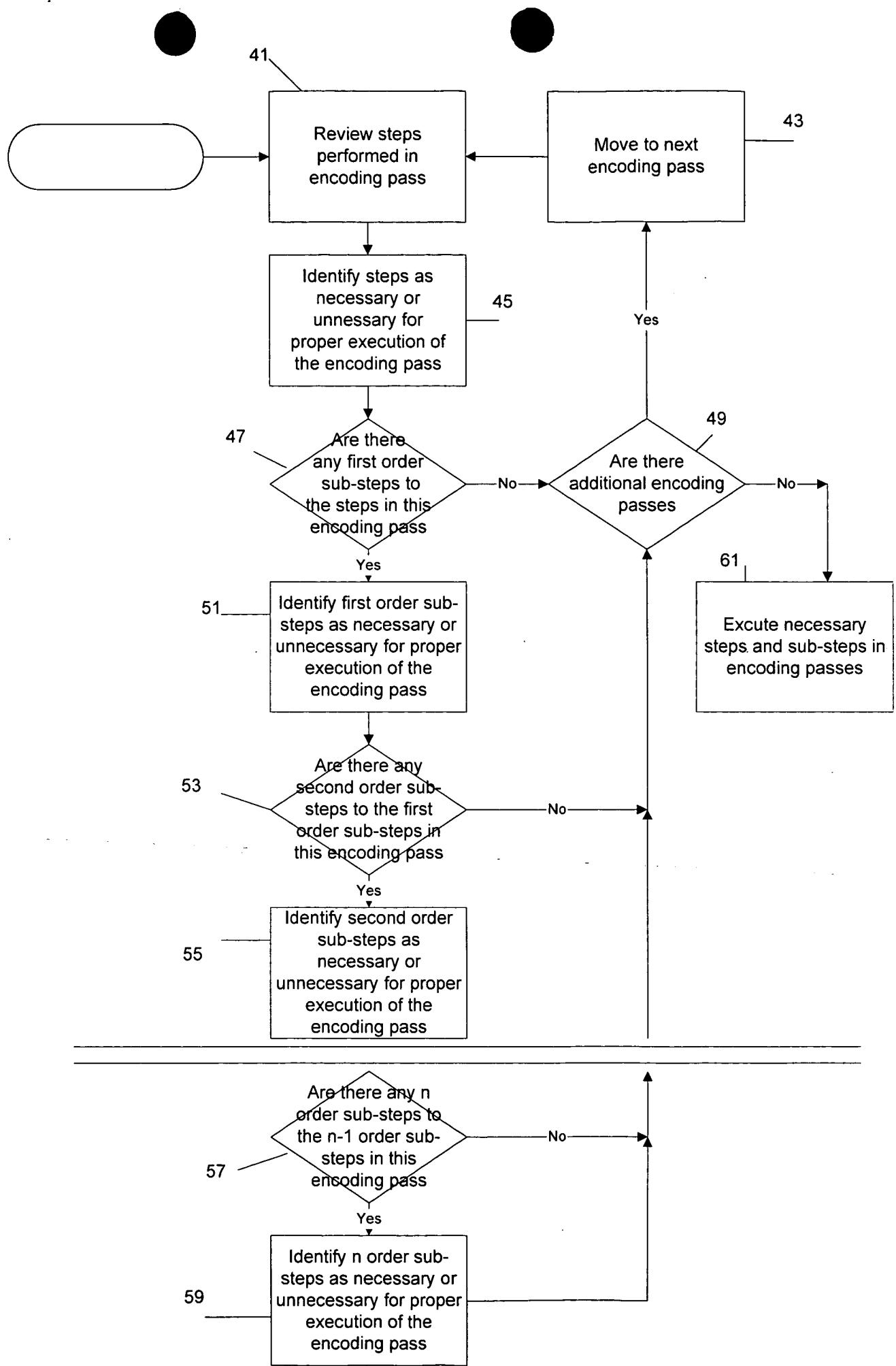


Fig. 4

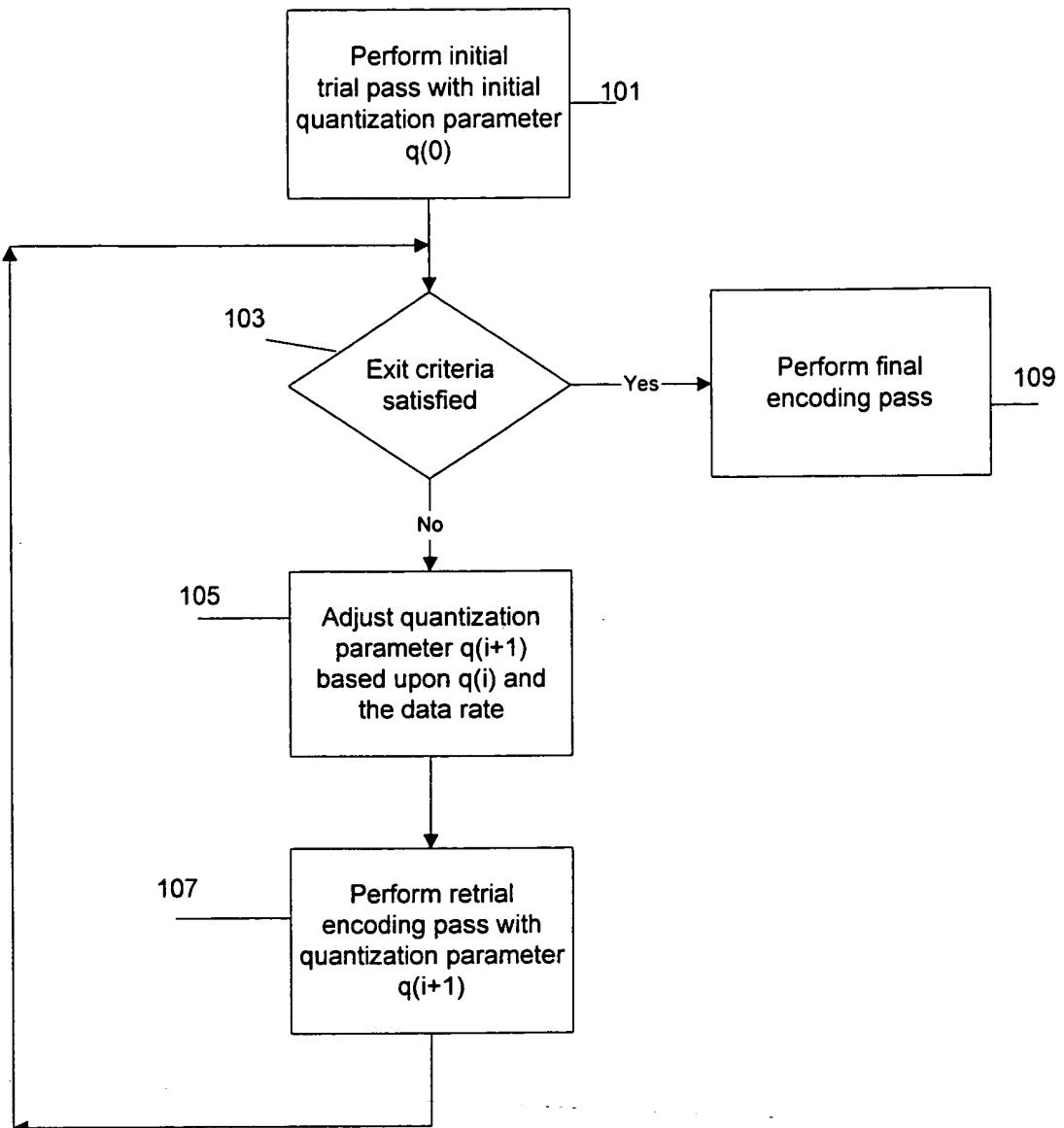


Fig. 5

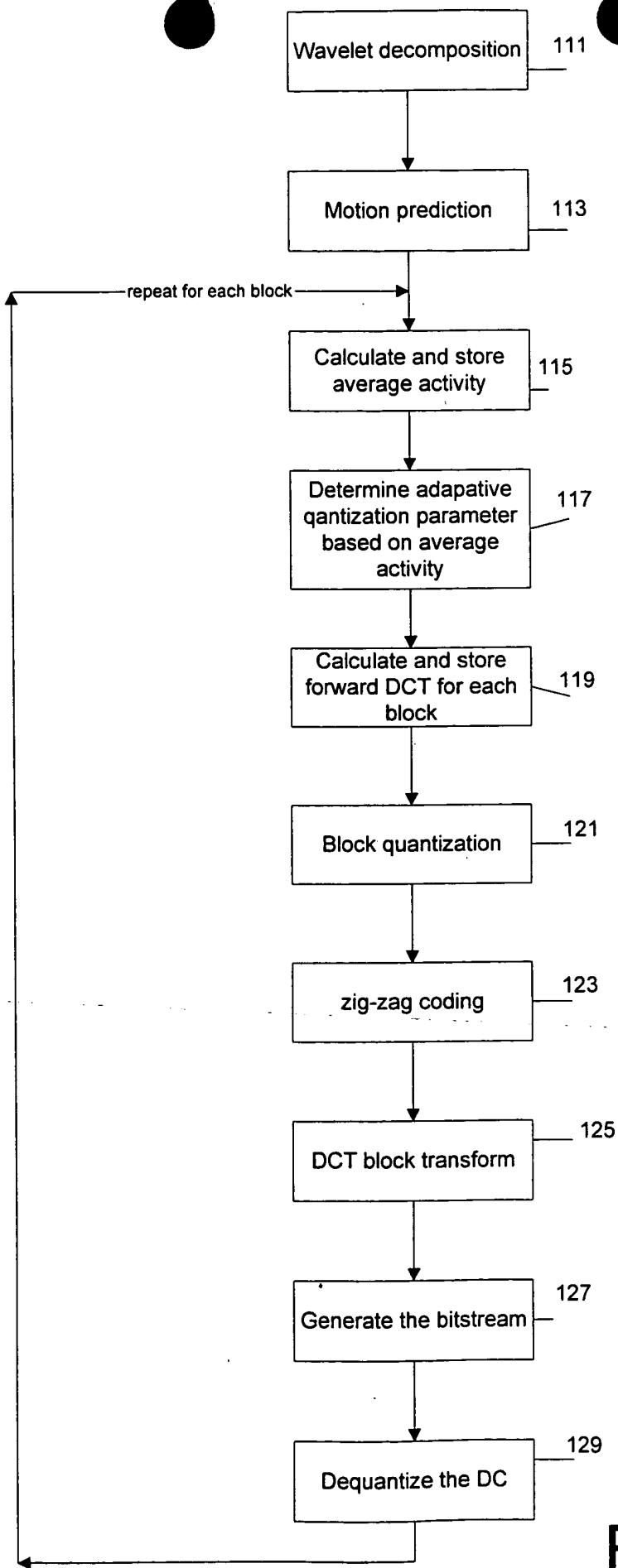


Fig. 6a

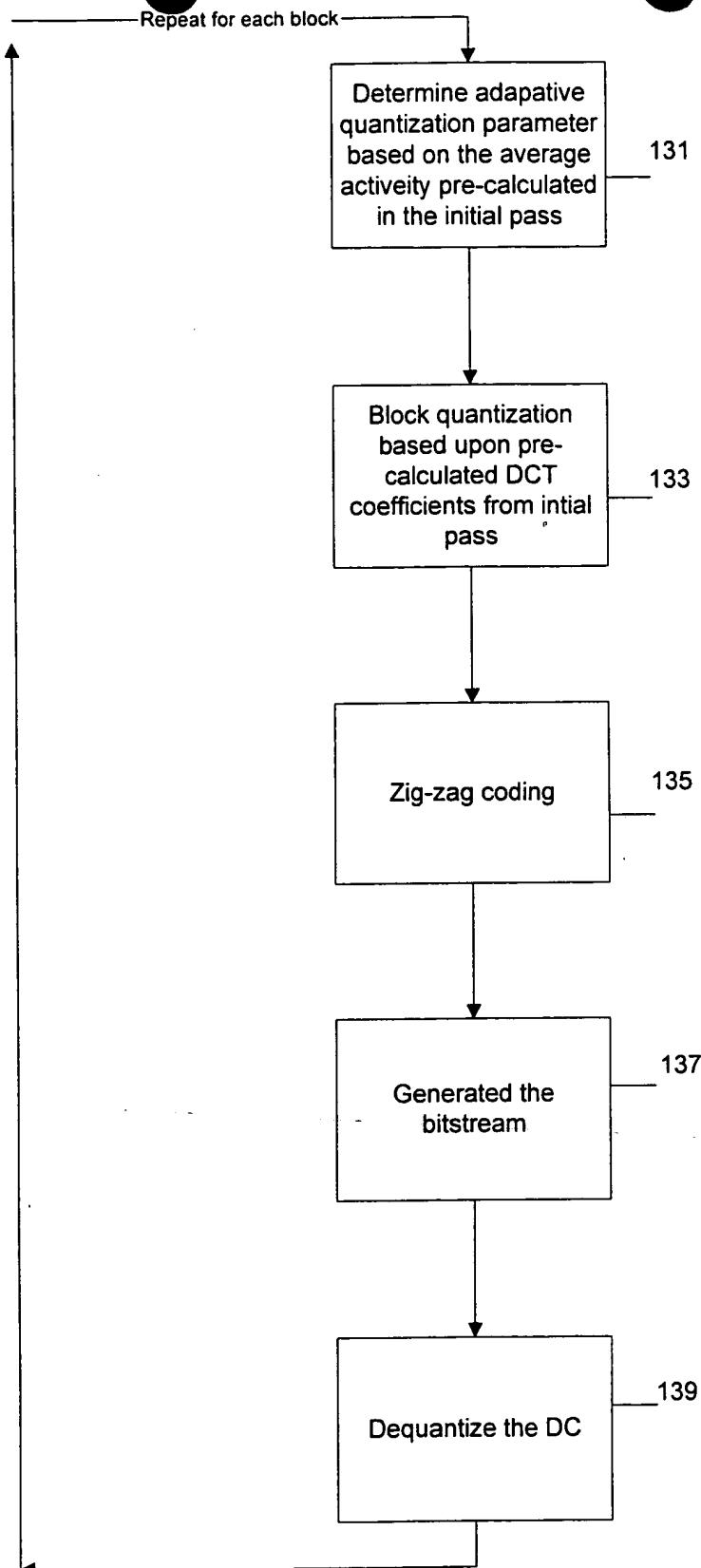


Fig. 6b

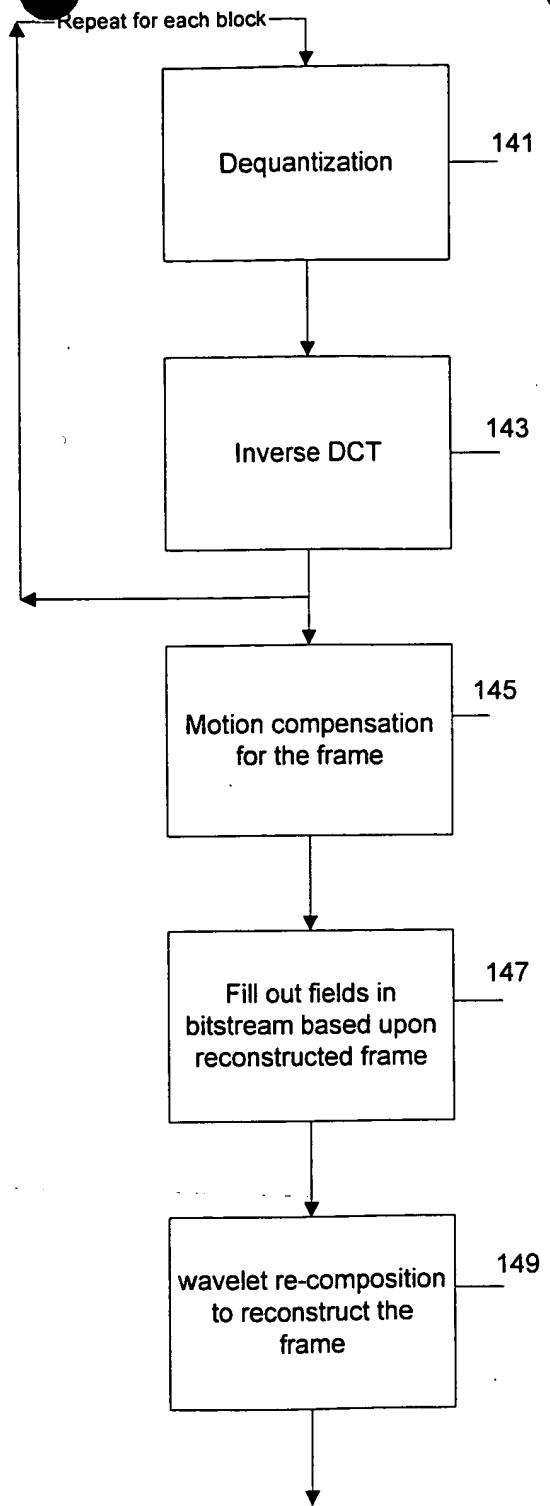


Fig. 6c